



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/756,318	01/14/2004	Kook Hyun Sunwoo	2336-237	2421

7590

08/29/2005

LOWE HAUPTMAN GILMAN & BERNER, LLP
Suite 310
1700 Diagonal Road
Alexandria, VA 22314

EXAMINER

SUMMONS, BARBARA

ART UNIT	PAPER NUMBER
----------	--------------

2817

DATE MAILED: 08/29/2005

Please find below and/or attached an Office communication concerning this application or proceeding.



UNITED STATES DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office

Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450

APZ

APPLICATION NO./ CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR / PATENT IN REEXAMINATION	ATTORNEY DOCKET NO.
---------------------------------	-------------	---	---------------------

EXAMINER

ART UNIT	PAPER
----------	-------

20050825

DATE MAILED:

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner for Patents

The IDS form PTO-1449 received July 20, 2005 has been initialed and signed and is attached. The reference is not applicable because, although the device of the reference has electrodes that extend to both edges of the substrate, the electrodes are not "external electrodes" as recited in claim 14 and shown in the figures of the instant application.

Barbara Summons

BARBARA SUMMONS
PRIMARY EXAMINER

ph # (571) 272-1771